

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK : Improvements to drains of vayanandhan layout main road (RHS) in kempapura in ward No.07 Byatarayanapura

Chainage		Description of Item	Unit	No	Length	Breadth	Depth	Quantity	Rate in	Amount in
From	To				(m)	(m)	(m)		Rs	Rs
Item no.01		KSRRB 300-1. Earthwork excavation by manual means in rodinary soil involving an average horizontal throw upto 2 m and an average lift upto 1.5m, excavated surafce levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking clods complete as per specifications.. Pg No.143.Item No.19.1)								
		1st Main Muniswamy gowda layout								
		Right side								
0	30		Cum	1	30.00	0.90	0.60	16.20		
30	60		Cum	1	30.00	0.90	0.90	24.30		
60	90		Cum	1	30.00	0.90	1.00	27.00		
90	120		Cum	1	30.00	0.90	1.00	27.00		
120	150		Cum	1	30.00	0.90	1.00	27.00		
150	177		Cum	1	27.00	0.90	1.00	24.30		
		Culvert								
		Muniswamy gowda layout Main Road	Cum	1	6.00	2.00	0.90	10.80		
		1st Crosss	Cum	1	6.00	2.00	1.20	14.40		
		2nd Cross	Cum	1	6.00	2.00	1.20	14.40		
		Shani temple road								
			Cum	1	6.00	2.00	1.20	14.40		
			Cum	1	6.00	2.00	1.20	14.40		
		Desilting of drains								
		1st Main Muniswamy gowda layout								
		Left Side								
0	30		Cum	1	30.00	0.45	0.45	6.08		
30	60		Cum	1	30.00	0.45	0.45	6.08		
60	90		Cum	1	30.00	0.45	0.45	6.08		
90	120		Cum	1	30.00	0.45	0.45	6.08		
120	150		Cum	1	30.00	0.45	0.45	6.08		
150	177		Cum	1	27.00	0.45	0.45	5.47		
		2nd cross road								
		Left Side								
0	30		Cum	1	30.00	0.60	0.60	10.80		
30	63		Cum	1	33.00	0.60	0.60	11.88		
		Right side								

Assistant Engineer
Assistant Engineer

Assistant Executive Engineer
Assistant Executive Engineer

Executive Engineer
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Chainage		Description of Item	Unit	No	Length	Breadth	Depth	Quantity	Rate in	Amount in
From	To				(m)	(m)	(m)		Rs	Rs
0	30		Cum	1	30.00	0.60	0.60	10.80		
30	63		Cum	1	33.00	0.60	0.60	11.88		
		3rd cross								
		Left Side								
0	30		Cum	1	30.00	0.45	0.45	6.08		
30	60		Cum	1	30.00	0.45	0.45	6.08		
60	96		Cum	1	36.00	0.45	0.45	7.29		
		Right side								
0	30		Cum	1	30.00	0.45	0.45	6.08		
30	60		Cum	1	30.00	0.45	0.45	6.08		
60	96		Cum	1	36.00	0.45	0.45	7.29		
		5th cross road								
		Left Side								
0	30		Cum	1	30.00	0.45	0.45	6.08		
30	49		Cum	1	19.00	0.45	0.45	3.85		
		Right side								
0	30		Cum	1	30.00	0.45	0.45	6.08		
30	49		Cum	1	19.00	0.45	0.45	3.85		
		2nd Main								
		Left Side								
0	30		Cum	1	30.00	0.45	0.45	6.08		
30	60		Cum	1	30.00	0.45	0.45	6.08		
60	90		Cum	1	30.00	0.45	0.45	6.08		
90	120		Cum	1	30.00	0.45	0.45	6.08		
		Right Side								
0	30		Cum	1	30.00	0.45	0.45	6.08		
30	60		Cum	1	30.00	0.45	0.45	6.08		
60	90		Cum	1	30.00	0.45	0.45	6.08		
90	120		Cum	1	30.00	0.45	0.45	6.08		
Total								402.73		
Tender Qty								217.80		
Qty upto 125%								272.25	121.95	33200.89
Qty above 125%								130.48	121.95	15911.73
		Basic rate	130.00							
		6% weightage	7.80							
		Total Rs.	137.80							
		(-11.5%)TP	15.85							
		Net Total Rs.	121.95							
Item no.02	KSRB 4-1.3: Providing and laying in position plain cement concrete of nominal mix 1:4:8 with OPC @ 180kgs, with 40mm and down size graded granite metal machine mixed, concrete laid in layers not exceeding 15 cms. Thick well compacted in foundation and plinth, including cost of all materials labour, HOM of machinery, curing complete as per specification . (Pg.No.13, It.4.3)									
		RCC Drain								
		BOTTOM								

Asst. Eng. No.
Assistant Engineer

Asst. Eng.
Assistant Executive Engineer

Asst. Eng.
Executive Engineer
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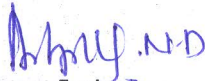
Chainage		Description of Item	Unit	No	Length	Breadth	Depth	Quantity	Rate in	Amount in
From	To				(m)	(m)	(m)		Rs	Rs
		1st Main Muniswamy gowda layout								
		Left Side								
0	30		Cum	1	30.00	0.90	0.15	4.05		
30	60		Cum	1	30.00	0.90	0.15	4.05		
60	90		Cum	1	30.00	0.90	0.15	4.05		
90	120		Cum	1	30.00	0.90	0.15	4.05		
120	150		Cum	1	30.00	0.90	0.15	4.05		
150	177		Cum	1	27.00	0.90	0.15	3.65		
		Culvert								
		Muniswamy gowda layout Main Road	Cum	1	6.00	2.00	0.15	1.80		
		1st Crosss	Cum	1	6.00	2.00	0.15	1.80		
		2nd Cross	Cum	1	6.00	2.00	0.15	1.80		
		Shani temple road								
			Cum	1	6.00	2.00	0.15	1.80		
			Cum	1	6.00	2.00	0.15	1.80		
		Below Kerb	Cum	1	165.00	0.20	0.15	4.95		
		Ramps for Culvert								
			Cum	2	6.00	2.00	0.15	3.60		
			Cum	2	6.00	2.00	0.15	3.60		
			Cum	2	6.00	2.00	0.15	3.60		
			Cum	2	6.00	2.00	0.15	3.60		
			Cum	2	6.00	2.00	0.15	3.60		
Total								55.85	4786.19	267284.78
Tender Qty								93.87		
Item no.03		KSRB4-1.6: Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240 kgs, with 20 mm and down size graded granite matel coarse aggregates @ 0.878 cum and fine aggragtes @ 0.53cum, machine mixed concrete laid in layers not eceeding 15 cms, thick well compacted, in foundation, plinth and cills including cost of all materials, labour HOM machinery curing complete as per specifications. (Page No. 12. Item No. 4.6)								
		Culvert bottom								
		Muniswamy gowda layout Main Road	Cum	1	6.00	0.60	0.15	0.54		
		1st Crosss	Cum	1	6.00	0.60	0.15	0.54		
		2nd Cross	Cum	1	6.00	0.60	0.15	0.54		
		Shani temple road								
			Cum	1	6.00	0.60	0.15	0.54		
			Cum	1	6.00	0.60	0.15	0.54		
		Culvert coping								

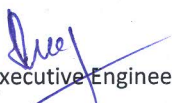
Amud
Assistant Engineer

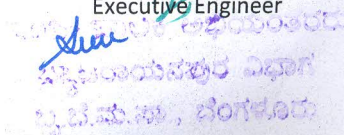
Amud
Assistant Executive Engineer

Amud
Executive Engineer
BBMP, Ward No. 7
Bengaluru

Chainage		Description of Item	Unit	No	Length	Breadth	Depth	Quantity	Rate in	Amount in
From	To				(m)	(m)	(m)		Rs	Rs
		Muniswamy gowda layout Main Road	Cum	2	6.00	0.60	0.10	0.72		
		1st Crosss	Cum	2	6.00	0.60	0.10	0.72		
		2nd Cross	Cum	2	6.00	0.60	0.10	0.72		
		Shani temple road								
			Cum	2	6.00	0.60	0.10	0.72		
			Cum	2	6.00	0.60	0.10	0.72		
Total								6.30	5086.38	32044.19
Tender Qty								6.30		
Item no.04		KSRB 5.3-1:Providing and constructing granite /trap/basalt size stone masonry in foundation with cement mortar 1:6, stone hammered dressed in courses not less than 20cms high, bond stones at two m apart in each course including cost of materials, labour, curing etc., complete as per specifications.(P-25. Item No. 5.3)								
		Muniswamy gowda layout Main Road	Cum	2	6.00	0.60	0.60	4.32		
		1st Crosss	Cum	2	6.00	0.60	0.90	6.48		
		2nd Cross	Cum	2	6.00	0.60	0.90	6.48		
		Shani temple road								
			Cum	2	6.00	0.60	0.90	6.48		
			Cum	2	6.00	0.60	0.90	6.48		
		old cuvert wall damage repair.	Cum	1	5.00	0.60	0.90	2.70		
Total								32.40	4311.51	139692.92
Tender Qty								32.40		
Item no.05		KSRB 15.1.4: Providing ruled pointing to coursed stone masonry with cement mortar 1:4, 20 mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications cement mortar 1:4. Page No. 115 / Item No. 15.4 / PWD SR 2018-19								
		Muniswamy gowda layout Main Road	Sqm	2	6.00		0.60	7.20		
		1st Crosss	Sqm	2	6.00		0.90	10.80		
		2nd Cross	Sqm	2	6.00		0.90	10.80		
		Shani temple road								
			Sqm	2	6.00		0.90	10.80		
			Sqm	2	6.00		0.90	10.80		
		old cuvert wall damage repair.	Sqm	1	5.00		0.90	4.50		
Total								54.00	131.33	7091.82
Tender Qty								54.00		


Assistant Engineer


Assistant Executive Engineer


Executive Engineer


Chainage		Description of Item	Unit	No	Length	Breadth	Depth	Quantity	Rate in	Amount in
From	To				(m)	(m)	(m)		Rs	Rs
Item no.06		KSRB 4.2.2: Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 320 Kgs with 20mm and down size graded granite metal coarse aggregates @ 0.69 cum and fine aggregates @ 0.460 cum with superplastizers @ 3lts confirming to IS 9103-1999 RE affirmed - 2008 machine mixed, concrete laid in layers not exceeding 15cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, stair case lintels, retaining walls return walls, walls(anythickness) including attached plasters columns piers abutments pillars posts struts buttresses string or lacing courses parapets copings, bed blocks , plain windows cills fillets etc., including cost of all materials labour HOM of machinery curing complete as per specifications. Seocifications No. KBS 4.1,4.6 (Page NO. 14, Item NO. 4.11)								
		1st Main Muniswamy gowda layout								
		Left Side								
		RCC Drain BOTTOM								
0	30		Cum	1	30.00	0.90	0.15	4.05		
30	60		Cum	1	30.00	0.90	0.15	4.05		
60	90		Cum	1	30.00	0.90	0.15	4.05		
90	120		Cum	1	30.00	0.90	0.15	4.05		
120	150		Cum	1	30.00	0.90	0.15	4.05		
150	177		Cum	1	27.00	0.90	0.15	3.65		
		RCC Drain Side wall								
0	30		Cum	2	30.00	0.15	0.30	2.70		
30	60		Cum	2	30.00	0.15	0.45	4.05		
60	90		Cum	2	30.00	0.15	0.60	5.40		
90	120		Cum	2	30.00	0.15	0.60	5.40		
120	150		Cum	2	30.00	0.15	0.60	5.40		
150	177		Cum	2	27.00	0.15	0.60	4.86		
Total								51.03	5308.71	270903.47
Tender Qty								51.03		
Item no.07		Providing TMT Steel Reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications.(Page No.18, Item No.4.46.2)								
		Consider 55 Kgs/cum for Drain	Tonne		51.03	0.055	--	2.81		
Total								2.81	66573.20	187070.69
Tender Qty								2.81		

Abhijit N D
Assistant Engineer

Abhijit N D
Assistant Executive Engineer

Abhijit N D
Executive Engineer
Sd/-
Sd/-
Sd/-

Chainage		Description of Item	Unit	No	Length	Breadth	Depth	Quantity	Rate in	Amount in
From	To				(m)	(m)	(m)		Rs	Rs
Item no.08		Providing and removing Centering, shuttering, strutting, propping etc., for columns, pillars, piers, abutments, post and struts, square / rectangular slabs /side walls polygon in plan including cost of materials, labour complete as per specification and directions of the Engineer in charge.(Page No.16, Item NO.4.32)								
0	30		Sqm	4	30.00		0.30	36.00		
30	60		Sqm	4	30.00		0.45	54.00		
60	90		Sqm	4	30.00		0.60	72.00		
90	120		Sqm	4	30.00		0.60	72.00		
120	150		Sqm	4	30.00		0.60	72.00		
150	177		Sqm	4	27.00		0.60	64.80		
Total								370.80	427.77	158617.12
Tender Qty								388.80		
Item no.09		Providing and fixing 10cms thick pre cast RCC covering slab using reinforced cement concrete M20 mix with stone aggregate 20mm and down size including centring shuttering reinforcement and bar bending machine mixed concrete laid in layers not exceeding 15 cm thick wellcompacted cost of all materials labour curing complete as per specifications (Data Rate Approved)								
0	30		Sqm	48	0.90	0.60		25.92		
30	60		Sqm	45	0.90	0.60		24.30		
60	90		Sqm	45	0.90	0.60		24.30		
90	120		Sqm	40	0.90	0.60		21.60		
120	150		Sqm	50	0.90	0.60		27.00		
150	177		Sqm	45	0.90	0.60		24.30		
Total								147.42	1858.50	273980.07
Tender Qty								147.42		
Item no.10		Providing and fixing 20 cm thick pre cast RCC covering slab using reinforced cement concrete M 20 mix with stone aggregate 20 mm and down size including centring shuttering reinforcement and bar bending machine mixed concrete laid in layers not exceeding 15 cm thick wellcompacted cost of all materials labour curing complete as per specification (Data Rate)								
		Muniswamy gowda layout Main Road	Sqm	10	1.80	0.60		10.80		
		1st Crosss	Sqm	10	1.80	0.60		10.80		
		2nd Cross	Sqm	10	1.80	0.60		10.80		
		Shani temple road								
			Sqm	10	1.80	0.60		10.80		
			Sqm	10	1.80	0.60		10.80		
Total								54.00	4523.24	244254.96
Tender Qty								54.00		
Item no.11		Providing and fixing Pre cast solid concrete kerb stones made out of CC 1:2:4 of size 450x200x400 mm and finished with CM 1:3 plastering and finishing cutting etc., complete.Pg No. 27, Item No.5.29.1								
0	30		No	1	30.00		/0.45	60.00		
30	60		No	1	30.00		/0.45	60.00		
60	90		No	1	30.00		/0.45	60.00		

Assistant Engineer

Assistant Executive Engineer

Executive Engineer

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Executive Engineer
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Assistant Engineer

Executive Engineer
ಕರ್ನಾಟಕ ಸರ್ಕಾರ, ಬೆಂಗಳೂರು
ಜಿಲ್ಲಾ ಪಂಚಾಯತ್, ಬೆಂಗಳೂರು

Chainage		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate in Rs	Amount in Rs
From	To									
0	4		Sqm	1	4.00	1.35		5.40		
28	33		Sqm	1	5.00	1.35		6.75		
56	60		Sqm	1	4.00	1.35		5.40		
82	90		Sqm	1	8.00	1.35		10.80		
116	120		Sqm	1	4.00	1.35		5.40		
146	153		Sqm	1	7.00	1.35		9.45		
174	177		Sqm	1	3.00	1.35		4.05		
		2nd cross road								
		Left Side								
0	3		Sqm	1	3.00	1.80		5.40		
18	22		Sqm	1	4.00	1.80		7.20		
27	32		Sqm	1	5.00	1.80		9.00		
		Right side								
0	5		Sqm	1	5.00	1.80		9.00		
26	33		Sqm	1	7.00	1.80		12.60		
		3rd cross								
		Left Side								
1	6		Cum	1	5.00	1.35		6.75		
28	32		Cum	1	4.00	1.35		5.40		
59	63		Cum	1	4.00	1.35		5.40		
90	96		Cum	1	6.00	1.35		8.10		
		Right side								
0	3		Cum	1	3.00	1.35		4.05		
26	31		Cum	1	5.00	1.35		6.75		
58	62		Cum	1	4.00	1.35		5.40		
89	96		Cum	1	7.00	1.35		9.45		
Total								141.75	656.67	93082.97
		Basic rate	700.00							
		6% weightage	42.00							
		Total Rs.	742.00							
		(-11.5%)TP	85.33							
		Net Total Rs.	656.67							
Total construction Cost									1973182.08	

Technical Sanction
Accorded For
Head of A/C...P-1771...
CER NO : 111 **Dt** : 12.08.19

TA

CE (YNK)

Assistant Engineer

Assistant Executive Engineer

Executive Engineer
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